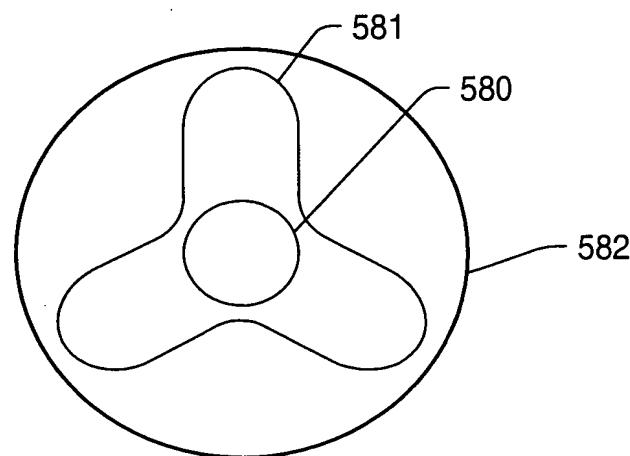


*FIG. 23a*



*FIG. 23b*



Title: PRODUCTION OF SYNTHESIS GAS FROM A COAL FORMATION  
Inventors: Vinegar et al.  
U.S. Pat. Appl. No.: 09/841,632

## Replacement Sheet

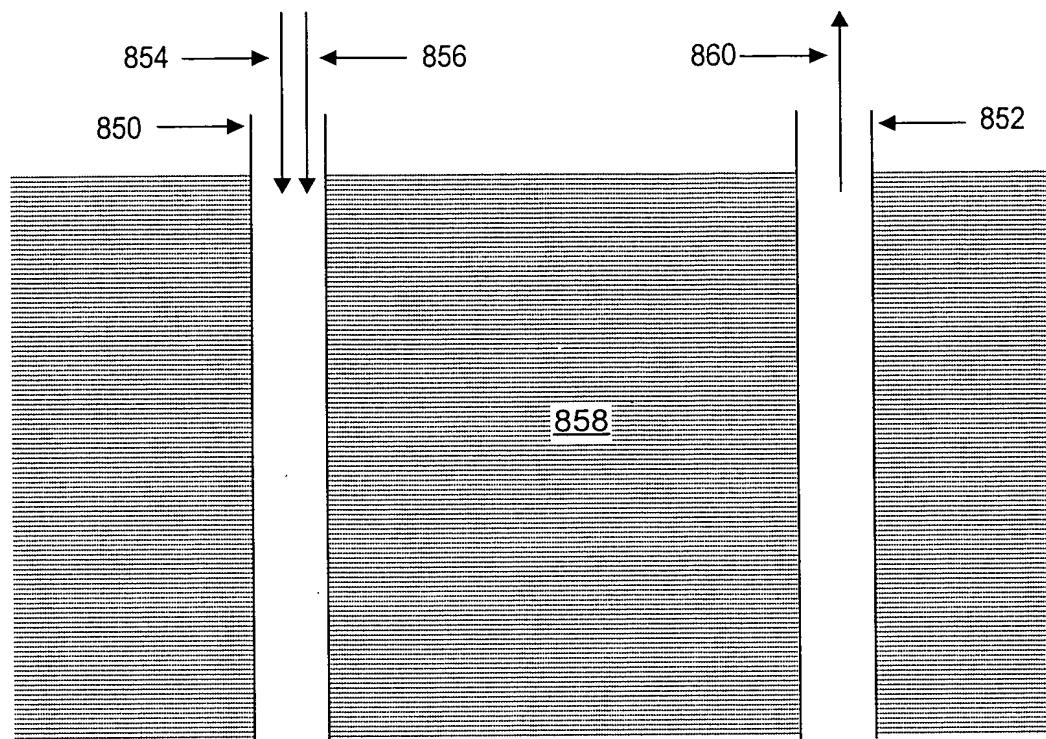


FIG. 31

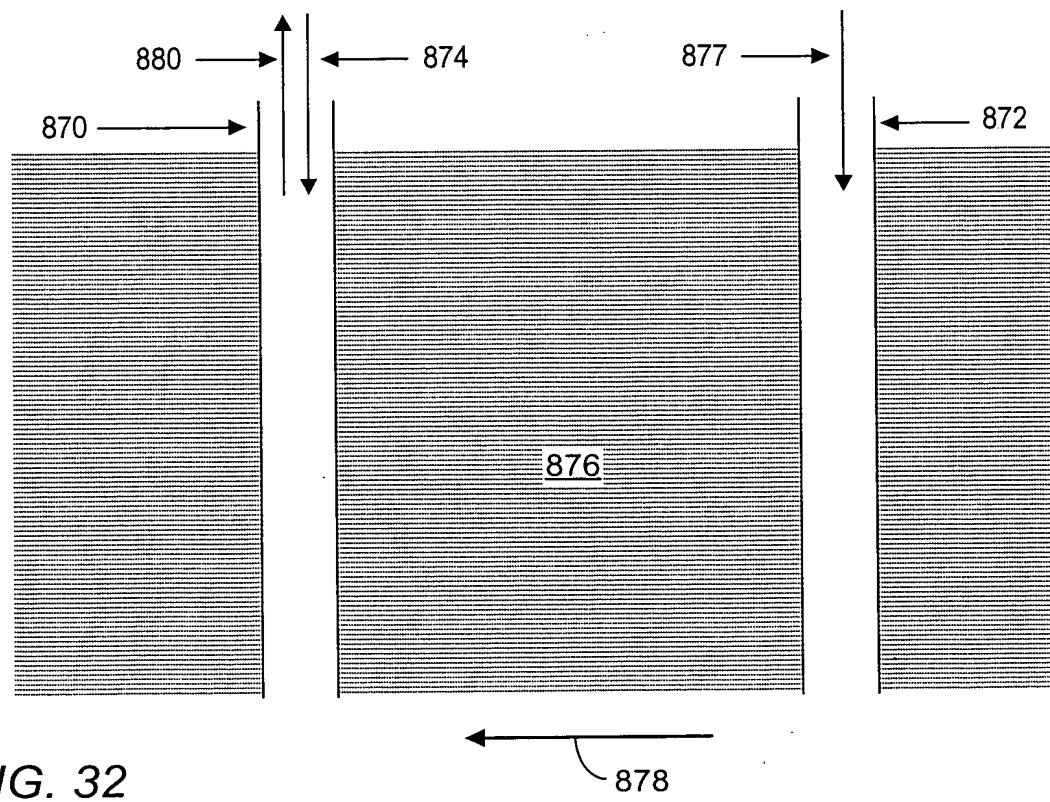


FIG. 32

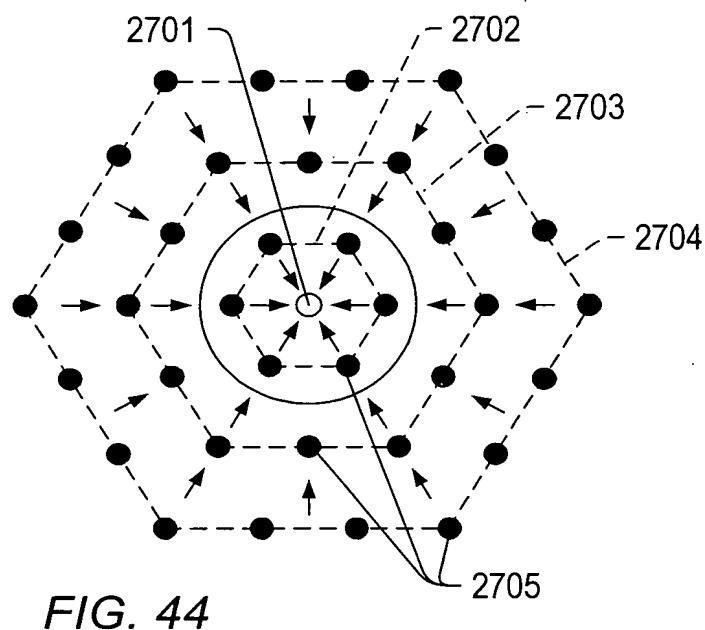


FIG. 44

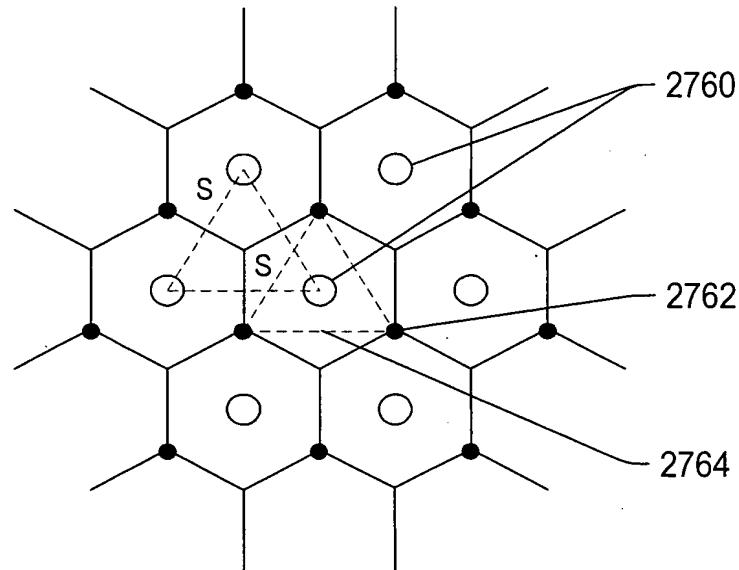


FIG. 53

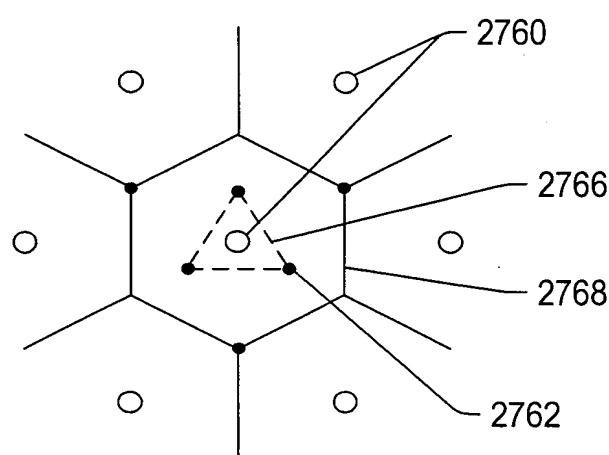


FIG. 54

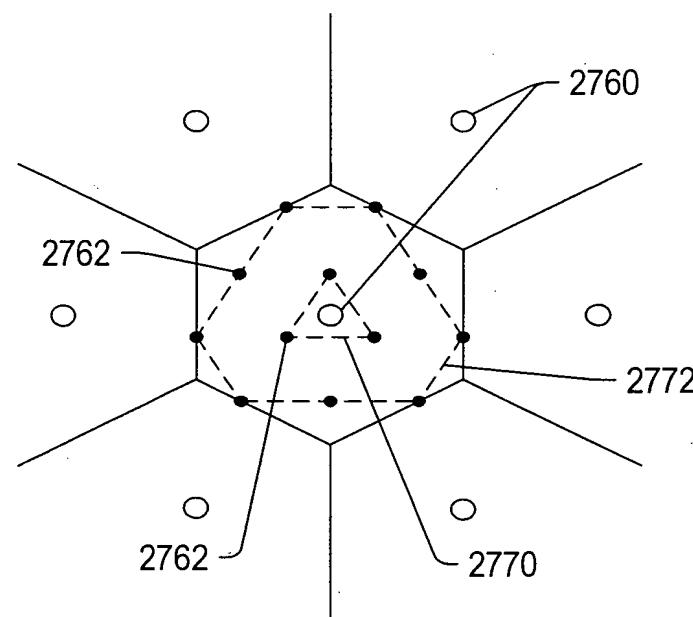


FIG. 55

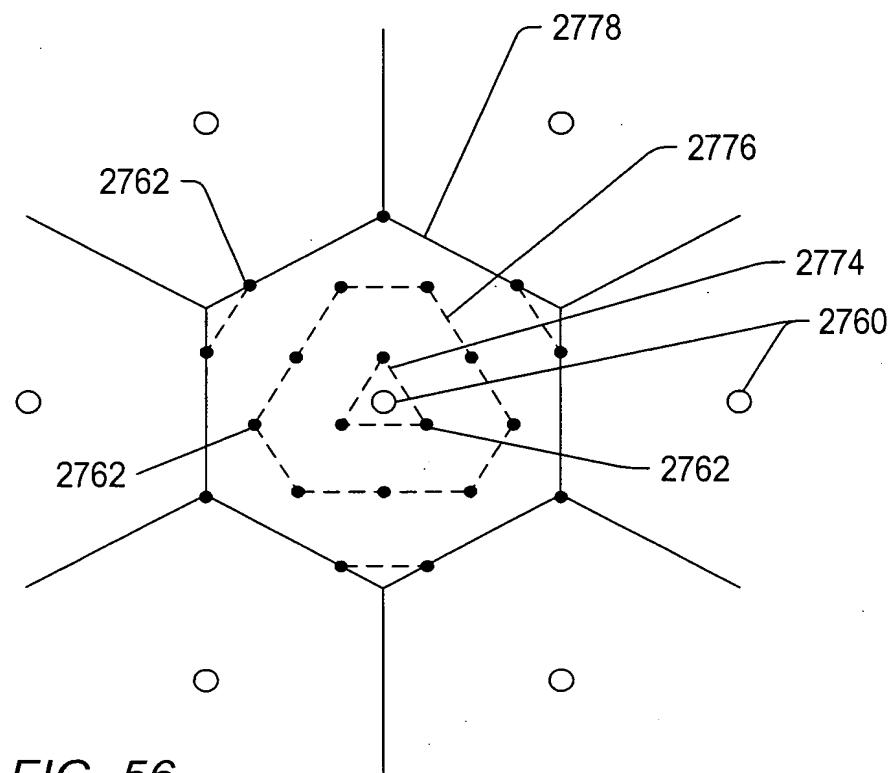


FIG. 56

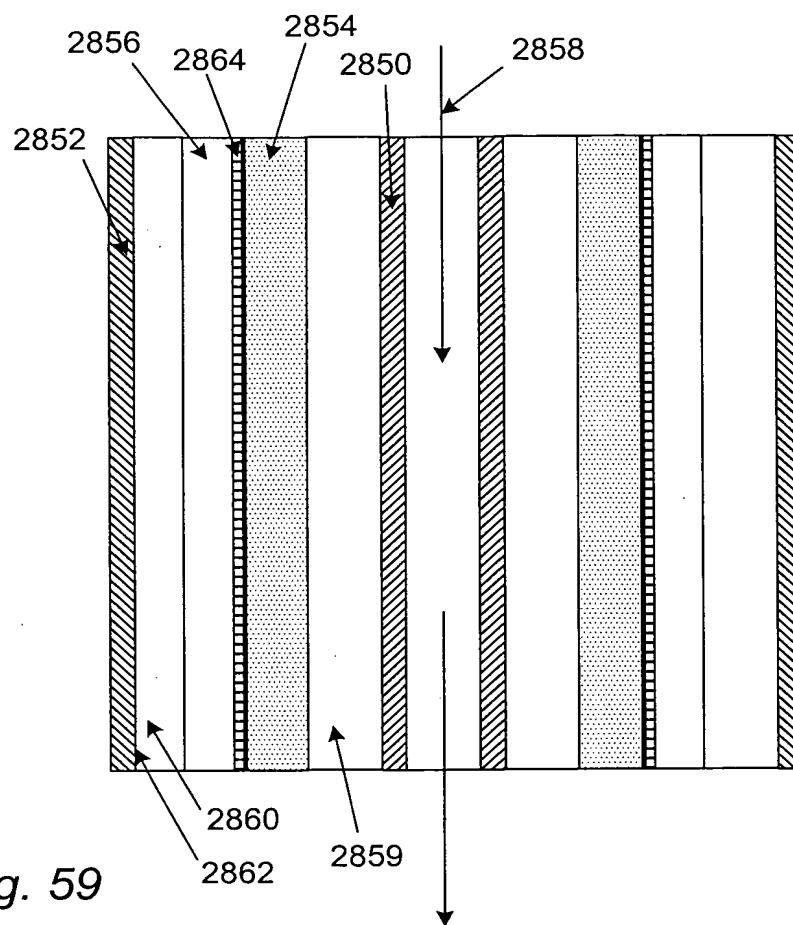


Fig. 59

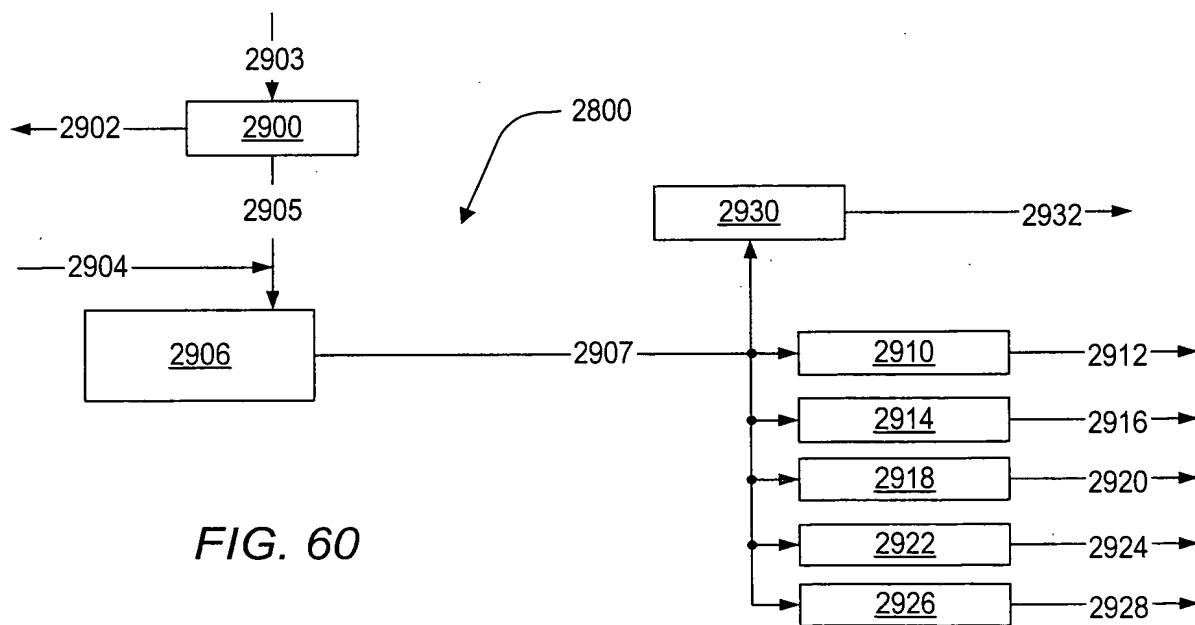


FIG. 60

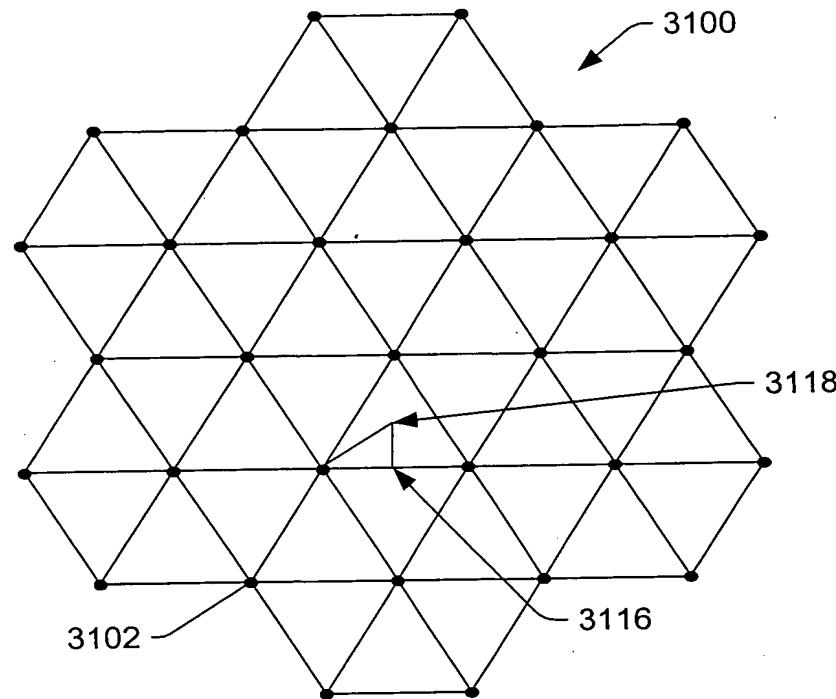


FIG. 63

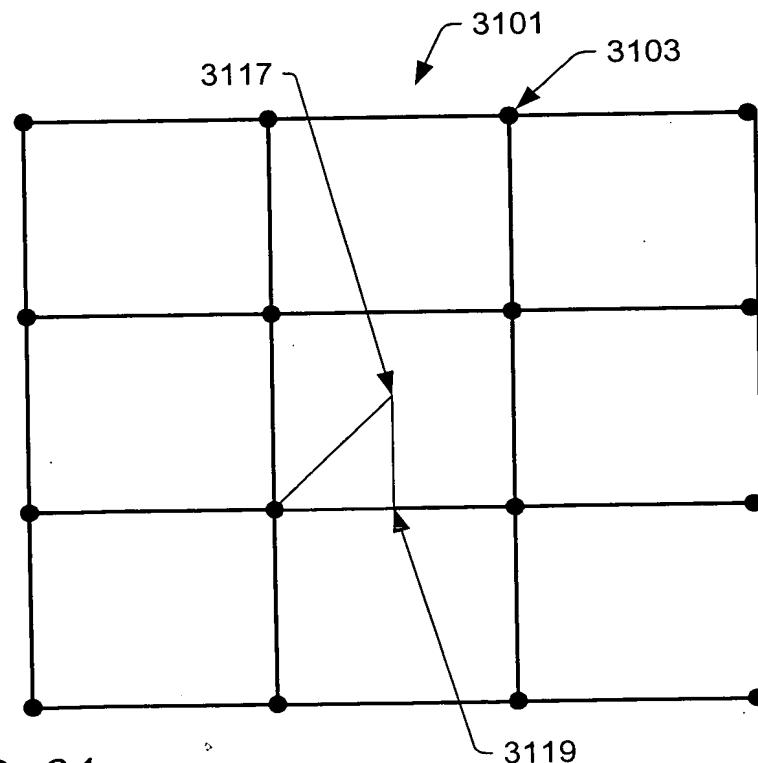


FIG. 64